



arteMURI® FILM PROPTECH



Sanitizing transpiring paint for interiors



NON CONTIENE SOSTANZE
DANNOSE PER LA SALUTE
FORMALDEIDE free



LEED 4.1
Compliant

Product description and fields of use

FILM PROPTECH is an water paint composed of synthetic copolymers in aqueous dispersion, pigments and selected white fillers, solvent-free and with low VOC content, with a mixture of broad-spectrum biocidal additives that counteracts the emergence and proliferation of molds, fungi and algae.

The product has a matt and opaque appearance, it has excellent breathability and it is easy to clean, it is easily applicable, like a classic interior water paint.

FILM PROPTECH is suitable for interior application on mortar plasters based on hydraulic lime-binder, base finishes gypsum-based and plasterboard. In particular, it is suitable for domestic environments with a high presence of water vapor, such as kitchens, bathrooms, basements, cellars, etc. The product has a mainly preventive action against the attack of molds, fungi and algae, but it can also be used for remediation of areas already damaged and previously painted.

FILM PROPTECH may be tinted with the arteMURI tintometric system.

FILM PROPTECH

Benefits

contrasts the proliferation of molds and bacteria
suitable for bathrooms and kitchens
opaque appearance
excellent coverage and white point
excellent breathability
good resistance to cleaning
easy application.

Technical specifications

Interior wall surfaces, such as mortar plasters, based on hydraulic lime-binder, premixed and traditional, civil finishings, conglomerates in concrete and surfaces in gypsum of various kinds, can be finished with the sanitizing, high-coverage, smooth, velvety, breathable, water paint with good resistance to cleaning FILM PROPTECH from Fornaci Calce Grigolin, product based on copolymers in watery dispersion with low VOC content, pigments and selected inerts, with a mixture of broad-spectrum biocidal additives that counteracts the proliferation of molds. The minimum consumption of this product is equal to 0,20 l/m² in two coats.

Consumption and packaging

FILM PROPTECH is supplied in 5 and 14 l. buckets. The minimum consumption of this product is equal to 0,20 l/m² in two coats.

Rules on conservation

Store at temperatures between +5°C and +40°C in original sealed containers. Under these conditions, life of stored product is at least one year. Avoid freezing temperatures.

Substrate preparation

New substrates and/or any renovations (patches) must be cured for at least 4 weeks, clean and dry. Old substrates must be consistent, free of salt efflorescence and loose parts, thoroughly cleaned according to the nature and intensity of dirt deposited on the surfaces to be treated. To level and fill imperfections such as holes, cracks or crazing, first intervene with a suitable repair product or mortar. Clean off any mould or algae present and then sanitise the surface with SEI OK restorer.

On already painted surfaces, make sure of the condition of the film: brush and/or scrape off loose films, completely remove heavy layers of non-adhering paint.

Substrate treatment

New plasters: apply one coat of UNO FIX.

Plasters with the presence of mineral paints (lime or silicates): apply one coat of UNO FIX or ONE MICRO.

Plasters with the presence of synthetic paints (acrylic, siloxanic): apply directly.

Cement/concrete/fibrocement: apply one coat of ONE MICRO.

New plaster/plasterboard: apply one coat of UNO FIX or ONE MICRO.

Plaster/plasterboard painted with tempera: apply one coat of UNO FIX or ONE MICRO.

Plaster/plasterboard painted with washables: apply directly.

FILM PROPTECH

Product preparation

For application by brush, dilute the product with 30% by volume of water for the first coat, with 25% by volume for the second coat; for application by roller, dilute the product with 15-20% by volume of water. In both cases, mix well the whole.

Application

Apply a first coat, taking care to distribute the product uniformly over the surface by brush, roller, spray or airless. After about 2-4 hours, proceed with the application of the second coat. After an additional 2-4 hours, you can proceed with the application of the finish.

Important Notes

Do not apply when ambient or surface temperature is below +5°C or above +35°C and avoid application under the action of direct sunlight or strong wind. Immediately after use rinse tools and equipment with water.

Safety instructions

Do not apply when ambient or surface temperature is below +5°C or above +35°C and avoid application under the action of direct sunlight or strong wind. Immediately after use rinse tools and equipment with water.

The product does not require hazard labeling according to existing regulations. Use the products according to existing standards of hygiene and safety. After use, do not disperse the containers into the environment. Allow residues time to dry and treat them as special waste. For more details, see safety sheet.

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.

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TECHNICAL DATA	PERFORMANCES
Binder type	copolymers in watery dispersion
Texture	paste/fine/pigmented
Specific weight (UNI EN ISO 2811-1) 25°C±2	1700 ± 20 g/l
Brookfield viscosity (ASTM D2196) 25°C±2	18.000 ± 2.000 cP
Permeability to water vapor (UNI EN ISO 7783-2)	V = 405 g/m ² 24h Class I (high permeability)
Thickness of the equivalent air layer (UNI EN ISO 7783-2)	Sd = 0,052 m
Gloss level (UNI EN ISO 2813)	<5 gloss, opaque
COV Content (DIR. 2004/42/CE)	Opaque paint for walls and ceilings – A category EU limit values for sub-category a type BA 30 g/l (2010) This product contains a maximum of 30 g/l COV
Application	brush, roller, spray or airless
Consumption	approx. 170 g/m ² per coat (0.10 l/m ²) by brush or roller
Theoretical yield	4 m ² /l in two coats with brush or roller
Decoration on the product	2-4 ore

TECHNICAL DATA	PERFORMANCE
Wet scrub resistance and cleanability (UNI EN ISO 11998:2006)	CLASS 3
Hiding power (UNI EN ISO 6504-3 :2007)	Two-coat covering power: CLASS 2

v. 10/2024